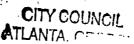
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A ORDINANCE

CITY COUNCIL ATLANTA, GEORGIA 00-<sub>()</sub> -0996

AMENDING THE 2000(1999 WATER AND WASTEWATER BOND FUND) BUDGET IN THE AMOUNT OF \$6,500,000.00 TO FUND ADDITIONAL IMPROVEMENTS TO WASTEWATER PUMPING STATIONS; AND FOR OTHER PURPOSES.

WHEREAS, the City of Atlanta owns and operates a wastewater treatment systems; and

WHEREAS, the Department of Public Works has undertaken a major facility upgrade and expansion program; and

WHEREAS, the City is now under a federal consent decree requiring upgrades in addition to those already planned; and

WHEREAS, due to additional requirements and unforeseen conditions related to wastewater pumping station improvement projects, funds need to be appropriated to cover the cost of the work.

NOW, THEREFORE BE IT ORDAINED BY THE COUNCIL OF THE CITY OF ATLANTA, GA AS FOLLOWS:

**Section 1:** That the 2000(1999 Water and Wastewater Bond Fund) Budget be and is hereby amended as follows:

## TRANSFER FROM APPROPRIATIONS

2J26 773001 M52I20169999 R.M. Clayton Phos. Red.

\$6,500,000.00

# TRANSFER TO APPROPRIATIONS

2J26 773001 M57I15019999 W.P.C. Pumping Station Impts. <u>\$6,500,000.00</u>

Section 2: That all ordinance and parts of ordinances in conflict herewith be and the same are hereby repealed.

A true copy,

ADOPTED by the Council APPROVED by the Mayor

JULY 05, 2000 JULY 13, 2000



BILL CAMPBELL MAYOR DIVISION OF WASTEWATER SERVICES
TECHNICAL SERVICES BRANCH
ENGINEERING

2440 BOLTON ROAD. N.W. • ATLANTA, GEORGIA 30318-1355 404 • 350-4981 FAX: 404 • 350-4951 DEPARTMENT OF PUBLIC WORKS

Norman A. Koplon, P.E.

Commissioner

### **MEMORANDUM**

DATE:

May 24, 2000

TO:

Reggie Grant

FROM:

John Reinhard

JOR

REF:

Money Ordinance for Wastewater Pump Station Upgrades

Please prepare a money ordinance to move \$6,500,000 from R.M. Clayton Phos Red. (2J26 M52I20169999) to Pumping Station (M57I15019999). Need first read at council on 6/19/00 or earlier. This money is needed to fund the General Pump Station Improvement Project (FC7231-00) which is out for bids. Bids are expected on 6/21/00. NTP for the project must occur before 9/1/00 to meet the SSO consent order milestones.

The money transfer is necessary because of the following.

- 1. In the 1998 planning for the 99 bond sale, capital projects for the pump stations addressed only immediate funding needs to address short-term risks due to spills and safety. The SSO consent order had not been negotiated. Funding on the 99 bond sale specifically did not include the costs for flow/capacity certification of the pump stations and the capital projects resulting from it. Originally, flow/capacity certification was going to be a program after the long term hydraulic modeling (next bond sale) was completed instead of it being an immediate requirement in June 99. The concern, during the 98 planning, was not to do major upgrades to the pump stations as the size and location of the pump stations could change after the long-term hydraulic modeling was completed. The goal at that time was to prevent a spill in the short term.
- 2. The grit problem at the two largest pump stations (Bolton and Philip Lee) was not known until after some repair work on the Philip Lee PS completed in 3/99 revealed over 5" of gravel in the force main. This required us to add grit traps and divider wall, which tripled the scope at that project.
- 3. Information on the overall condition of the pump station facilities used in the planning for the 99 bond sale was not complete. The pump stations are the last facilities to have the computerized

maintenance management system added.

- 4. Consultant estimates were low and did not include the effects of bidding the smaller size project and the overabundance of work in the Atlanta Metro market. We have had very poor response from the bidders on our work.
- 5. Additional scope items have been added to address items not anticipated for the SSO consent order such as pump station SOPs, sewer safety plan, sewer training plan, and the short term contract for flow certification given to ADS.

Enclosed is the backup for the \$6.5 M transfer. Although, the pump station budget is in the red, the overall East Area CIP budget is still in the black. Unfortunately, the surplus in the prior bond sale for South River WRC Improvements is not available. We cannot use the Intrenchment WRC Improvements surplus since we need the other municipalities' share. Therefore it is necessary to transfer from the RMC Improvements. Appreciate your help on this.

CC. David Peters
Marcia Hurd Wade
Bea Shell
Patti McMahon
Tyler Richard
Joe Porter

Dreft Accounting Spreadsheet for M57115010999
Pumping Station

Contract   Encumbored   Estimated in 99 Bond   Additional Cost	spile	\$5,400,925	\$5,353,000	\$11,761,925	Summary of Cost	
Contract         Encumbe red Funds in Pulmping Stations         Estimated in 99 Bond Additional Cost not in 99 Bond Subsider	cost due to lack of interest from bidding community. Also, construction allowarcos not included in original estimate which aids 5-10%. Bypass pumping to repair bar screens to avoid		<b>\$</b>	\$305,000	Archer Western Emerg PO	Bypess Pump Bolton & Philip Lee
Conferect         Encumbered Funds in Pumping Stations         Estimated in 99 Bond not in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond on 1 in 99 Bond Sale         Additional Cost on 1 in 99 Bond Sa	River, additional sitework at new pump station, escalation of costs on the 6 new pump stations, and at Cascade PS, and general increase in				Telemetry as one job.	
Contract         Encumbered Funds in Plumpling Stations         Estimated in 99 Bond	Cost escalation due to additional grating at Find	• 1,000	41,000,000		that is now being bid with	
Contract Funds in Pumping Stations Funds in Pumping Stations Sale not in 99 Bond Additional Cost Funds in Pumping Stations Sale not in 99 Bond Sule cost Pumping Stations Sale not in 99 Bond Sule cost Pumping Stations Station Pumping Stations Station Pumping Stations Station Index  JUSG Task 2 S1, 142,000 S1,036,000 S106,000 S	estimate developed by CH2M-Hill.	\$1 894 DO	\$2 806 000	\$4 500 000	Future Construction Contract	General Wastewater Pump Station Improvements
Contract   Encumbered   Estimated in 99 Bond   Additional Cost   Funds in Pumping Stations   Sale   not in 99 Bond   Additional Cost   Funds in Pumping Stations   Sale   not in 99 Bond   Sale   Sale   not in 99 Bond   Sale   Sale   Sale   not in 99 Bond   Sale	consent order. Original budget based on an				je	
Contract         Encumbered Funds in 99 Bond Additional Cost Funds in Plumping Stations         Estimated in 99 Bond Subtered in 99 Bond Additional Cost Funds in Plumping Stations         Estimated in 99 Bond Subtered in 99 Bond Subtere	and higher degree of montitoring required by				Station improvements as one	
Contract   Encumbered   Estimated in 99 Bond   Additional Cost   Funds in Plumping Stations   Sale   not in 99 Bond   Additional Cost   Funds in Plumping Stations   Sale   not in 99 Bond   Sale	Cost escalation due to new parais, DCS work				General Wastewater Pump	
Contract Encumbered Estimated in 99 Bond Additional Cost Funds in Pumping Stations Sale not in 99 Bond Sale eeing Evaluation Sale not in 99 Bond Sale eeing Evaluation Sale not in 99 Bond Sale not in 99 Bond Sale eeing Evaluation Sale so	This job was bid and bids come in high. Now	\$1,005,000	\$995,000	\$2,000,000	that is now before hid with	reiemeny
Contract Funds in Pumping Stations Sale not in 99 Bond Additional Cost Funds in Pumping Stations Sale not in 99 Bond Sale solutions Sale not in 99 Bond Additional Cost Sale not in 99 Bond Additional Cost solution 3 Sale not in 99 Bond Sale solutions Sale not in 99 Bond Additional Cost solutions Sale solutions Sale not in 99 Bond Additional Cost solutions Sale solutions Sale not in 99 Bond Sale solutions Sale solutio	an additional \$250,000 to the cost overun.				::	
Contract Funds in Pumping Stations Sale eering Evaluation  JJSG Task 1 S0	awarded to the 2nd highest bidder which added					
Contract         Encumbered Funds in Plumping Stations         Estimated in 99 Bond Additional Cost Funds in Plumping Stations         Estimated in 99 Bond Additional Cost not in 99 Bond Sale         Additional Cost not in 99 Bond Sale         Additional Cost not in 99 Bond Sale         Additional Cost in 99 Bond Sale         Additional Cost in 99 Bond Sale         Sale         not in 99 Bond Sale         Additional Cost in 99 Bond Sale         Sale         not in 99 Bond Sale         Additional Cost in 99 Bond Sale         Sale         Sale         not in 99 Bond Sale	grit traps and divider wall which tripled the number of drawings. Note that the job was also					
Contract         Encumbered Funds in Pumping Stations         Estimated in 99 Bond Additional Cost Funds in Pumping Stations         Estimated in 99 Bond Additional Cost Pumping Stations         Sole not in 99 Bond Sale Not in	Originally no sitework or concrete work. Added				Contract	
Contract Funds in Pumping Stations Sale not in 99 Bond Additional Cost Funds in Pumping Stations Sale not in 99 Bond Sale sering Evaluation Sale sol Sale not in 99 Bond Sale sol Sale		\$2,236,000	\$516,000		Archer Western Construction	Bolton Philip Lee Improvements
Contract Encumbered Estimated in 99 Bond Additional Cost Funds in Primping Stations Sale not in 99 Bond Sale eering Evaluation Sale not in 99 Bond	rest should go to Flint River.					
Contract Encumbered Estimated in 99 Bond Additional Cost Funds in Primping Stations Sale not in 99 Bond Sale eering Evaluation:  Jusic Task 1 \$0 \$0 \$0 \$106,000 \$106,	only \$692,000 should be in this account. The					
Contract Encumbered Estimated in 99 Bond Additional Cost Funds in Primping Stations Sale not in 99 Bond Sale eering Evaluation \$0 \$0 \$0 \$000. DOO \$1.036.000 \$106,000	sewer moritorium not in 99 bond sale Note that					
Contract Encumbered Estimated in 99 Bond Additional Cost Funds in Prumpting Stations Sale not in 99 Bond Sale eering Evaluation:  30 30 50 50 50 50 50 50 50 50 50 50 50 50 50	Wall, Sewer Salety & Training, Pump Station					1400
Contract         Encumbered         Estimated in 99 Band         Additional Cost           Funds in Pumping Stations         Sale         not in 99 Band         Additional Cost           JJ&G Task 1         \$0         \$0         \$0         \$0           JJ&G Task 2         \$1,142,000         \$1,036,000         \$106,000           ADS Blanket Contract         \$78,535         \$0         \$78,535	Engineering Services for Grit Trap & Divider	\$984,390	ŞO	3984,390	JUGG Task 3	Additional Engineering Services for Consent Urder
Contract         Encumbered         Estimated in 99 Bond         Additional Cost           Funds in Pumping Stations         Sale         not in 99 Bond Sale           JJ&G Task 1         \$0         \$0         90           JJ&G Task 2         \$1,142,000         \$1,036,000         \$106,000           ADS Blanket Contract         \$78,535         \$0         \$78,535	bond sale in April 99					
Contract Encumbered Estimated in 99 Bond Additional Cost Funds in Pumping Stations Sale not in 99 Bond Sale JJ&G Task 1 \$0 \$0 \$0 \$1.036.000 \$1.036.000	Flow Certification not in score. Added after 99	\$78,535	\$0	\$78,535	ADS Blanket Contract	Flow Cerblication & Monitoring
Contract Encumbered Estimated in 99 Bond Additional Cost Funds in Pumping Stations Sale not in 99 Bond Sale Jusic Task 1 \$0 \$0 \$0 \$0 \$106,000	this accoount.					
Contract Encumbered Estimated in 99 Bond Additional Cost Funds in Pumping Stations Sale not in 99 Bond Sale Jusic Task 1 \$0 \$0 \$0 \$106,000	Transmission main encumbered incorrectly to					
Contract Encumbered Estimated in 99 Bond Additional Cost Funds in Pumping Stations Sale not in 99 Bond Sale JJ&G Task 1 \$0 \$0 \$0	sy bond sale. Some engineering services for Flint River.	\$106,000	\$1,036,000	\$1,142,000	JJ&G Task 2	Detailed Design/Cons Serv
Contract Encumbered Estimated in 99 Bond Additional Cost Funds in Pumping Stations Sale not in 99 Bond Sale	Put in 99 Pump Station Budget. Not funded fro	\$0	\$0	\$5	JJ&G Task 1	Engineering Evaluation
Contract Encumbered Estimated in 99 Band Additional Cost			Sale	Funds in Pumping Stations		
	Explanation	Additional Cost	Estimated in 99 Bond	Encumbered	Contract	to character of a constraint of the constraint o

Need to transfer \$6.5 million.

#### Atlanta City Council

#### Regular Session

00-0-0996

Amend budget to fund additional improvs. to wastewater pumping stations Adopt

YEAS: 14
NAYS: 0
ABSTENTIONS: 0
NOT VOTING: 1
EXCUSED: 0
ABSENT 1

Unanimous

Y McCarty	Y Dorsey	Y Moore	Y Thomas
Y Starnes	Y Woolard	Y Martin	Y Emmons
Y Bond	Y Morris	Y Maddox	B Alexander
Y Winslow	Y Muller	Y Boazman	NV Pitts